

Name \_\_\_\_\_

## Acids: Unveiling Their Characteristics and More

### Multiple Choice Questions

1. What is a common trait of acids that distinguishes them from other substances?

- a) Sweet taste
- b) Sour taste
- c) Bitter taste
- d) Salty taste

2. Which acid is responsible for the sour taste in lemons and vinegar, respectively?

- a) Citric acid, acetic acid
- b) Sulfuric acid, hydrochloric acid
- c) Nitric acid, formic acid
- d) Phosphoric acid, carbonic acid

3. What type of solutions are acids typically found in?

- a) Solid
- b) Gas
- c) Aqueous
- d) Organic

4. What is the byproduct when acids react with certain metals?

- a) Oxygen gas (O<sub>2</sub>)
- b) Nitrogen gas (N<sub>2</sub>)
- c) Hydrogen gas (H<sub>2</sub>)
- d) Carbon dioxide (CO<sub>2</sub>)

5. What is the pH range for acids on the pH scale?

- a) Above 7
- b) Exactly 7
- c) Below 7
- d) Exactly 14

